




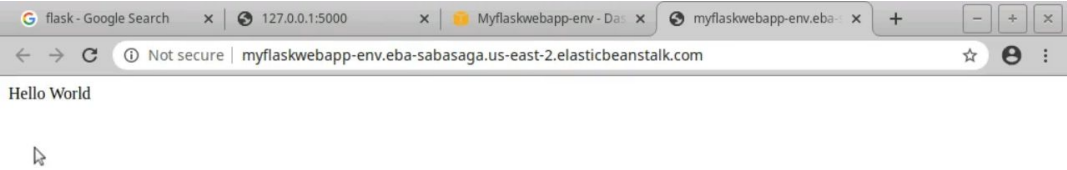


Coursera - AWS Elastic Beanstalk:Deploy a Python(Flask) Web Application

Generated on December 17, 2023

Summary

Notes	Screenshots	Bookmarks
 6	 9	 0



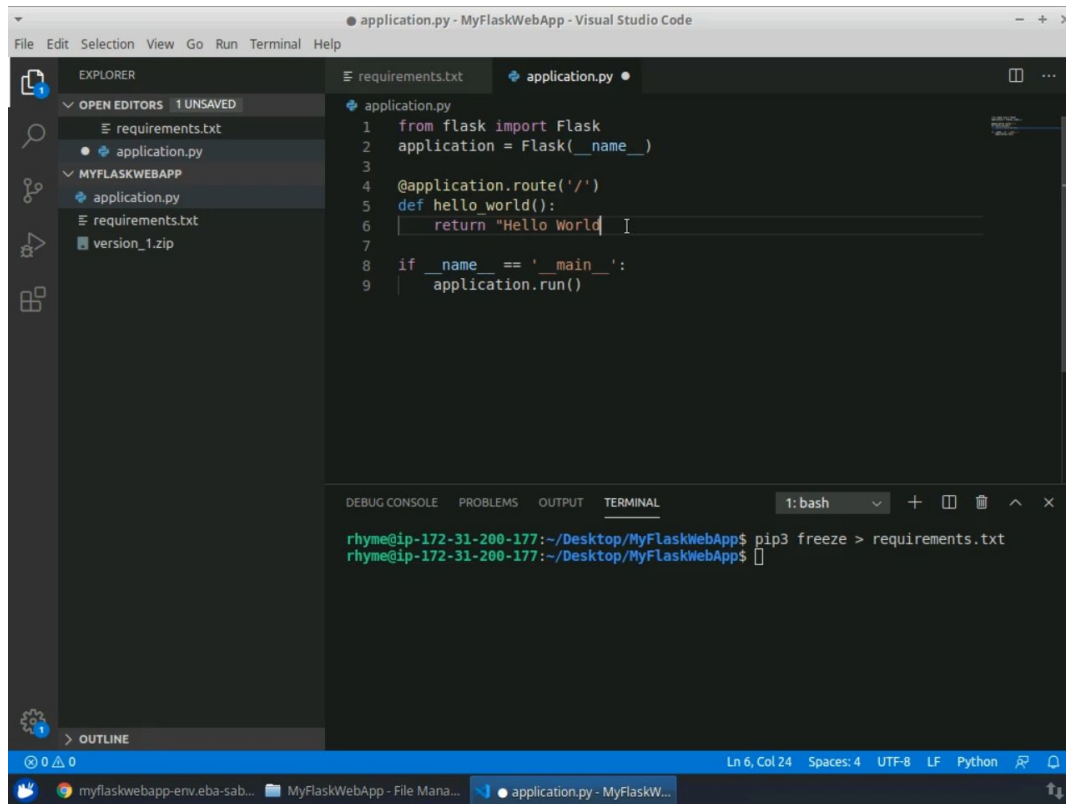
▶ 0:14

in this lab we will identify Erros logs and debug logs

▶ 0:19

we will create a bug so that we can identify it in error logs

▶ 0:35



The screenshot shows the Visual Studio Code interface with a Python file named `application.py` open. The file contains the following code:

```
1 from flask import Flask
2 application = Flask(__name__)
3
4 @application.route('/')
5 def hello_world():
6     return "Hello World"
7
8 if __name__ == '__main__':
9     application.run()
```

The Explorer sidebar on the left shows the project structure with files `requirements.txt`, `application.py`, `requirements.txt`, and `version_1.zip`. The Terminal at the bottom shows the command `pip3 freeze > requirements.txt` being executed.

▶ 0:49

we remove quotation (") mark and save it

▶ 0:53

The screenshot shows the Visual Studio Code interface with a project named 'MyFlaskWebApp'. The Explorer sidebar on the left shows the file structure with 'requirements.txt', 'application.py', and 'version_1.zip'. The main editor displays 'application.py' with the following code:

```
1 from flask import Flask
2 application = Flask(__name__)
3
4 @application.route('/')
5 def hello_world():
6     return "Hello World"
7
8 if __name__ == '__main__':
9     application.run()
```

The bottom panel shows the TERMINAL with the following output:

```
rhyme@ip-172-31-200-177:~/Desktop/MyFlaskWebApp$ pip3 freeze > requirements.txt
rhyme@ip-172-31-200-177:~/Desktop/MyFlaskWebApp$ python3 application.py
File "application.py", line 6
    return "Hello World"
           ^
SyntaxError: EOL while scanning string literal
rhyme@ip-172-31-200-177:~/Desktop/MyFlaskWebApp$
```

The status bar at the bottom indicates the current line is 6, column 24, with 4 spaces, using UTF-8 encoding, LF line endings, and the Python interpreter.

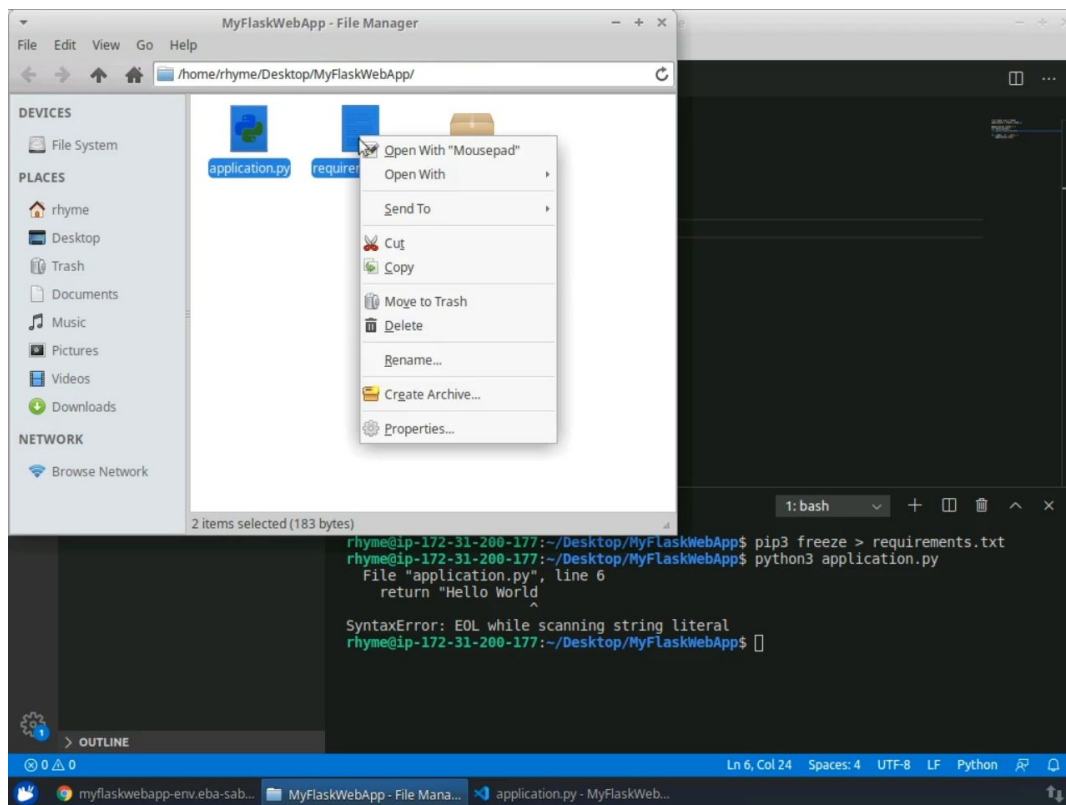
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now we run the code and as you can see it gives an error so now our code is buggy

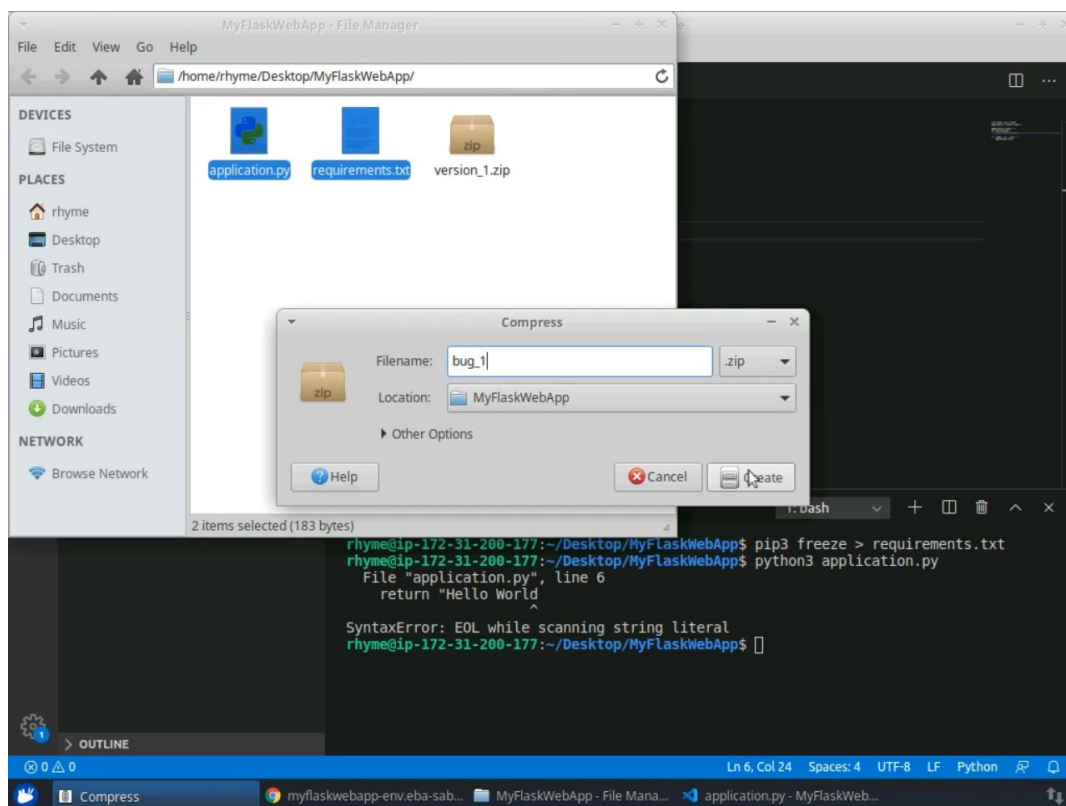
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now we will deploy this particular code on AWS cloud server to read the debug logs OR the error logs

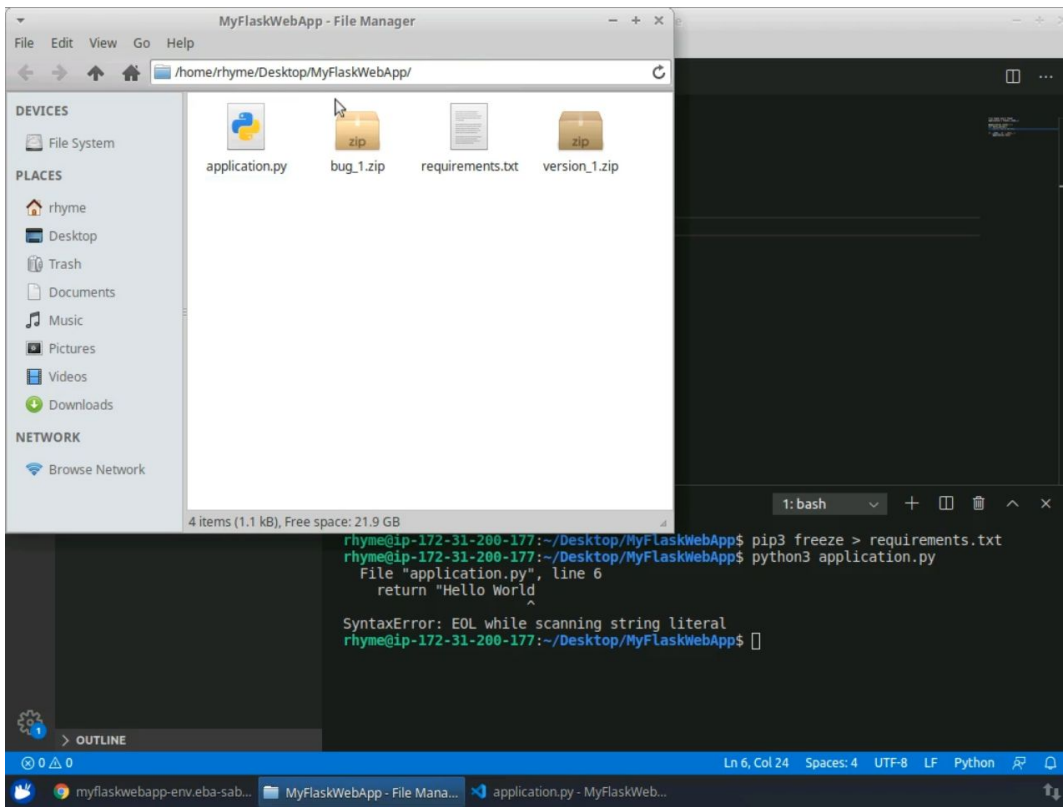
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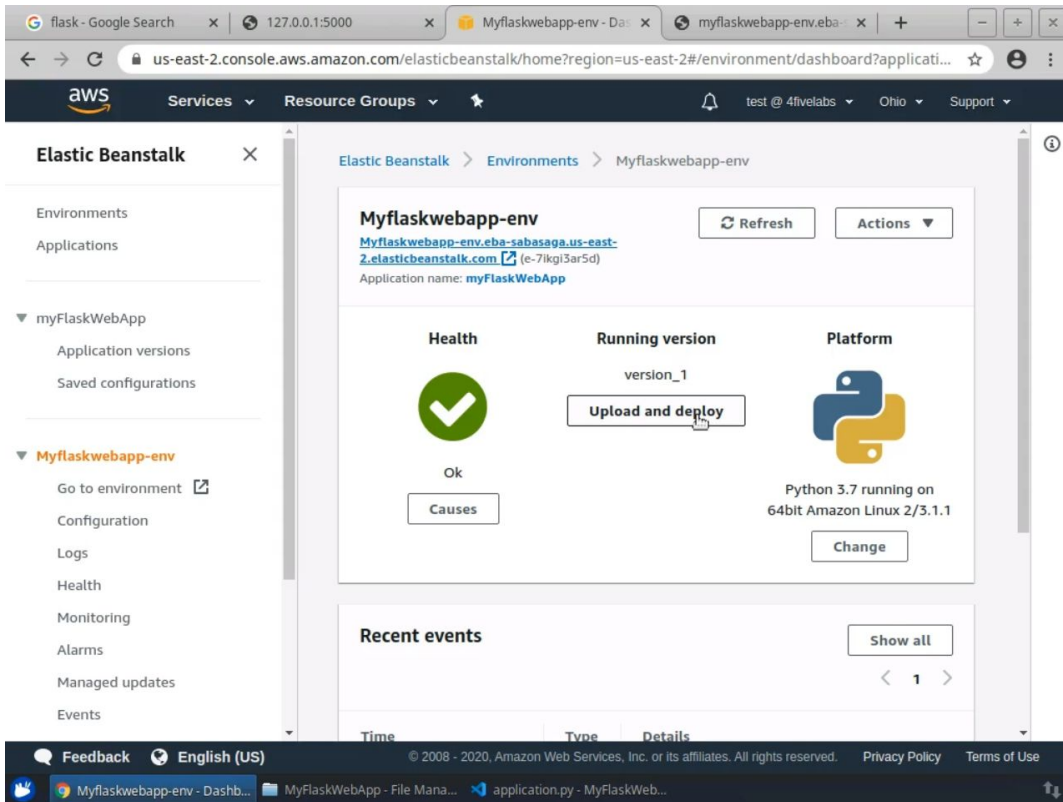
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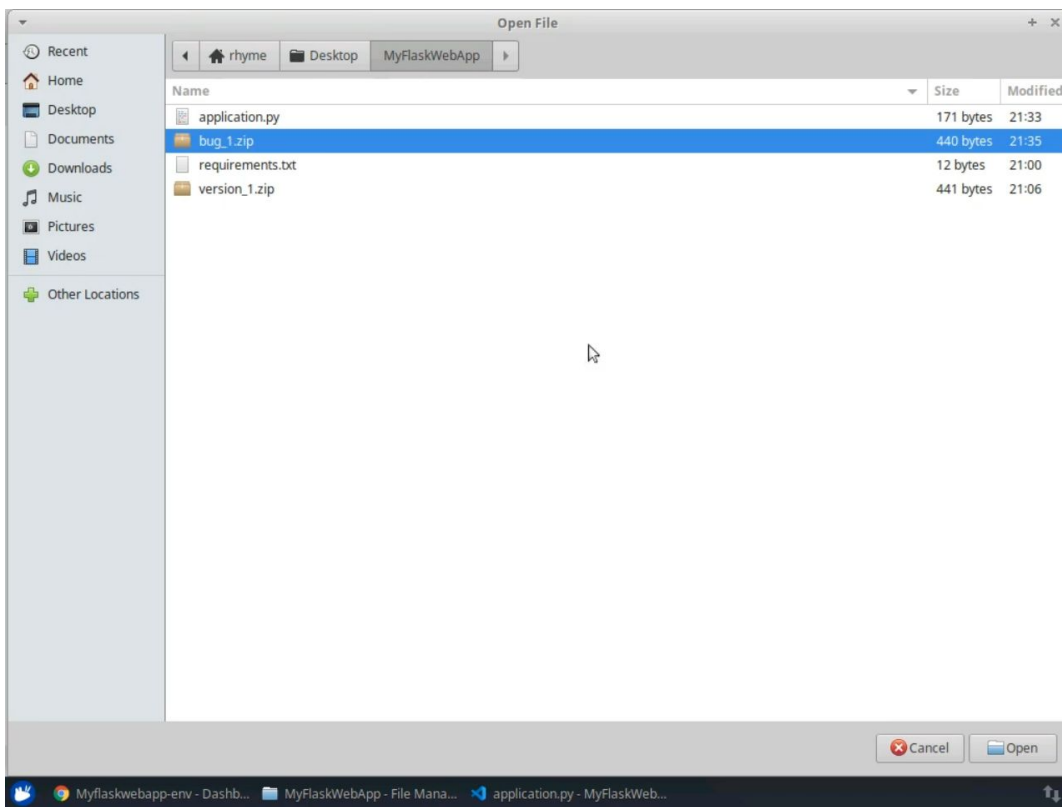
▶ 1:55



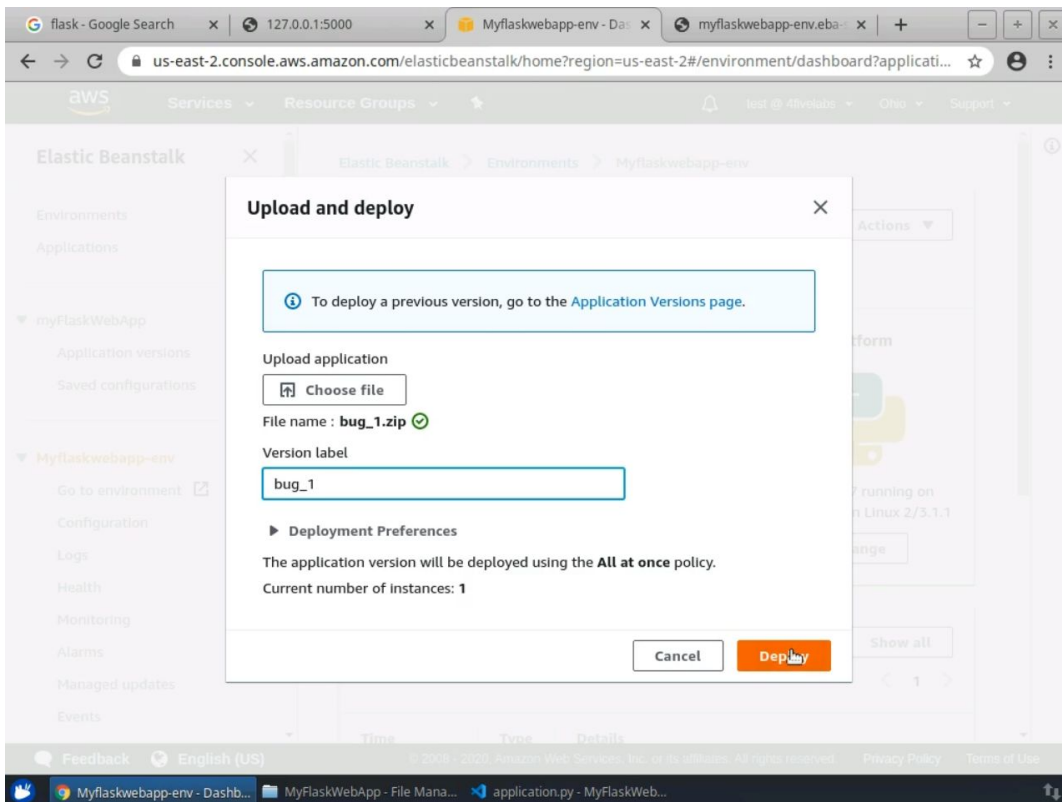
1:58



2:10



▶ 2:16



▶ 2:25

to identify what the root cause is, click on the logs in the left side

